

IN THE SPECIFICATION:

[0016] As it is apparent in the figures, the object of the invention relates to a bone anchoring device 1 intended to be implanted in the vertebral column. Such a bone anchoring device 1 includes a bone anchoring element 2, broadly speaking, suitable for being made in different known ways. The bone anchoring element 1 2 may exist as a hook, a plate or an anchoring screw such as illustrated in the drawings. This bone anchoring element 2 is provided with a head 3 for receiving a threaded shaft 4 whereon a clamping means 5 is designed to be screwed. Conventionally, a spherical articulation 6 is provided between the bone anchoring element 2 and the threaded shaft 4 in order to allow multiple orientation of the threaded shaft 4 relatively to the bone anchoring element 2.